

Bulletin

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Times change!



Stepping up to the bar at the Faculty Club's basement pub to order a draft, a Cornish pasty and a salad is by now an immutable lunchtime routine for scores of faculty members and senior administrative staff. And why not? The pub, which opened in early December, is a handy haven for aficionados of British pub fare; the draft Lowenbrau is hard to find anywhere else in Toronto; and the salads, at 50¢, are the best bargains in town.

The birth of the pub marked a significant departure from the club's tradition of sedate formality, according to Berry Smith, club president and professor of zoology. "Times change," Smith remarks, "and the club had to follow suit."

"Ten or fifteen years ago there was nowhere else to go but the club for a drink and lunch or dinner. Now, there must be a dozen good restaurants within walking distance of the campus. We've had to change our style to offer a variety of services, and the pub was designed to cater to

that segment of the University population that wants a relaxed, informal setting."

If there is a single adjective that could be applied to the pub, "informal" is it. The architect's master plan, pinned to a wall, casually proclaims that the interior decorating is still in its adolescence. On the other hand, there are all the advantages of informality: hot, cut-it-yourself loaves of onion bread; a vat of butter; a mélange of dressings for salads; and a tureen of fruit salad boasting not canned fruit cocktail but fresh strawberries, peaches and watermelon.

And so far the interior decorating is a marvel of ingenuity. "This is probably the city's only recycled pub," Smith remarks. The massive bar, in its previous life a library counter in University College, was discovered in storage and converted by University carpenters; the wall panels were once library tabletops; and the distantly related wooden chairs and

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Earth sciences may join forces

the south-west campus is due for a face lift, says draft report



Attila Poloznik (left), Andrew Pettipas (right), Borden Building (middle)

An earth sciences complex that would be accomplished in three phases, and would eventually consolidate the Departments of Botany, Geography, and Geology; the Faculty of Forestry and Landscape Architecture; the Institute for Environmental Studies; and a new graduate program in environmental engineering, is recommended by the draft report of the South-West Campus Task Force, recently released.

The task force, chaired by Professor M.E. Charles of the Department of Chemical Engineering and Applied Chemistry, was charged by the Planning and Resources Committee with formulating plans for the redevelopment of the south-west campus, specifically that area bordered by Willcocks Street on the north, Huron Street on the east, Russell Street on the south, and Spadina Avenue on the west.

The report also recommends that non-academic development on the south-west campus should relate primarily to student services, the components of the proposed Campus as Campus Centre project, and the textbook store.

The Faculty Club, the Departments of Information Services and Alumni Affairs, and the Campus Police, would all continue in their present accommodations in the vicinity of Willcocks and Spadina.

The report also recommends that non-academic development on the south-west campus should relate primarily to student services, the Campus as Campus Centre project, and the textbook store.

Those components of the Campus as

Campus Centre that remain after changes to the original proposal, such as food services, banking facilities, and pub and lounge space on the south side of Sidney Smith Hall, should not proceed independently, but should be integrated into the redevelopment of the south-west campus after the need for such services has been assessed.

The report suggests that underground parking be provided for the south-west campus site and states that "the interest of the Physical Plant Department (should) be accommodated".

The Graduate Students Union, the Department of Fine Art, the Institute for the History and Philosophy of Science and Technology, and portions of the Departments of Near Eastern Studies and Mathematics would be provided with alternate space "if, because of their present location on the site, it proves necessary to demolish their current space holdings".

Major academic briefs were received from the earth sciences group, and from a social sciences group made up of the Departments of Anthropology, Political Economy, Sociology, History, and Linguistic Studies; the Institute for Policy Analysis; and the Centre for Urban and Community Studies.

Both groups complained that their units were housed in space that was, in

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Job Openings

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call: (1) Sylvia Holland, 978-6470; (2) Penny Tai-Pow, 978-5468; (3) Manfred Wewers, 978-4834; (4) Ann Sarsfield, 978-2112; (5) Beverley Chennell, 978-7308.

Clerk III (\$8,180 — 9,620 — 11,070)
Banting & Best Department of Medical Research (2)

Secretary I (\$8,180 — 9,620 — 11,070)
Physics (1), Dentistry (1), Radiological Research Labs — p/t (5), Urban & Regional Planning (2)

Secretary II (\$9,000 — 10,590 — 12,180)
Health Administration (5), Biosafety (5), Central Services MSB (5), University College (2)

Dental Assistant (Sessional) (\$9,000 — 10,590 — 12,180)
Dentistry (1)

Laboratory Technician II (\$11,010 — 12,960 — 14,900)
Pharmacology (2), Banting & Best Department of Medical Research, two positions — one temporary (2)

Laboratory Technician III (\$12,160 — 14,310 — 16,450)
Dentistry (1), Medical Genetics (2)

Administrative Assistant II (\$12,160 — 15,130 — 17,400)
Royal Conservatory of Music (2)

Programmer I (\$10,460 — 12,310 — 14,160)
Computer Centre (3)

Programmer II (\$12,860 — 15,130 — 17,400)
Business Information Systems (5) Student Record Services (1)
Library Automation Systems (3)

Programmer IV (\$19,490 — 22,930 — 26,370)
Student Record Services (1)

User Representative (\$19,490 — 22,930 — 26,370)
Student Record Services (1)

Student Counsellor I (\$11,010 — 12,960 — 14,900)
History (1)

Graphic Artist III (\$11,010 — 12,960 — 14,900)
Civil Engineering (5)

Neither fire nor flood daunts library workers

Fire and flood visited two library areas on campus this summer.

On August 15, a flood in the "Cstorey" section of the Sigmund Samuel Library damaged approximately 150 books being stored there by the Science and Medicine Library. Library technician Lenke Takach discovered the flood, which is believed to have been caused when a pipe was left disconnected during construction. "The team which salvaged the books did a tremendous job," says Mrs. Takach.

Emrys Evans, book restorer in the Thomas Fisher Rare Books Library, says that the books were dried by fans and are now back on the shelves without appreci-

able loss.

On August 19, fire broke out in a trash can near the Robarts Library's loading dock. A staff member quickly put out the fire and the city's fire department made certain that the ash that fell through to the basement was also extinguished.

Mr. Evans strongly recommends that every department on the campus know what its most valuable materials are and where they are located. He feels that there should also be a plan for their rescue in the event of a fire or a flood. Once the fire marshal has taken over, it's too late to figure out what articles should be saved and where they are located, he says.

Apply now for carrels & lockers

Applications for carrels and book lockers for faculty members and graduate students, Divisions I and II, for the fall/winter session will be received until September 16. Application forms and information sheets are available at the circulation desk, fourth floor, Robarts Library.

As in the past, assignments for gradu-

ate students will be made on the basis of priorities decided in consultation with the appropriate graduate department. It is expected that assignments of carrels and book lockers will begin on Oct. 11.

For further information, please ask at the circulation desk or telephone the carrel office at 978-2305.

Research News

New NRC grant program

Dr. T.C. Clark, director of research administration, wants to ensure that all present holders of National Research Council grants are aware of the potential of the council's new program of grants in areas of national interest, in particular in energy, environmental toxicology, and oceanography.

The new program, recently announced, is *not* in competition with the operating grants program. It accepts proposals from present grant-holders only. It will have its *own* peer review process. It is an NRC response to the challenge in a major spring address made by the Minister of State for Science and Technology, Hugh Faulkner.

Dr. Clark states the the University's supportive response should demonstrate that there are a number of good extensions to on-going operating programs in the specified areas. Proposals representing such extensions should have the hope of medium-term practical payoff and, preferably, could attain a landmark stage in one, two, or three years: e.g., the feasibility trial of a new energy storage device, trial of a potential pollutant detector program, etc. Proposals to prepare a major co-ordinated research program are specifically invited, but small research projects and equipment requests are not excluded.

The most appropriate existing NRC application form should be used and boldly marked with the applicable area of national interest. To make the point clearer, applicants might also add the words "NATIONAL INTEREST PROGRAM".

The first deadline for the special competition is *October 15*. Another deadline will be held in May, 1978. Call 978-2874 for further information.

Dr. Clark expresses the hope that responses from NRC grant-holders at the University will illustrate that a great deal could be accomplished here developed from ongoing research.

MOH humans review deadline

All applicants to the provincial Ministry of Health are reminded that University approval of the use of human subjects must accompany applications due at the ministry Nov. 1. In order to ensure humans experimentation review in time for the ministry's deadline, full docu-

mentation should reach ORA by *October 1*.

New application forms available

ORA has received new application forms and booklets for all National Research Council granting programs, and now have new application forms for Canada Council leave fellowships and for Killam senior research fellowships. Please note that the Canada Council now requires that leave fellowship applications be agreed to by the University, and therefore must be signed in the Office of Research Administration. New booklets for the cultural exchange program are also available. Call 978-2874 for assistance.

Commonwealth research and visiting fellowships

Through the Association of Universities and Colleges of Canada, the Canadian Commonwealth Scholarship and Fellowship Committee invites nominations for three 1979-80 Commonwealth research fellowships and five visiting fellowships.

Each program is designed to bring distinguished or prominent individuals to Canada from other countries of the Commonwealth. The visiting fellowship program emphasizes persons prominent in various fields of education and supports the fellowships as an opportunity for the visiting fellow to consult in educational matters with Canadian colleagues. The research fellowship program emphasizes established research scholarship as a criterion for nomination, and intends the fellowship to permit the research fellow to do his own study and research and to engage in related activities with Canadian colleagues.

Only one nomination for each program may be forwarded from the President of the University. Nomination suggestions should be received by ORA prior to *October 1*. For additional information call 978-2163.

Research display at Science Centre

The research display which has been located at various public places in Toronto during the summer (see *Bulletin*, July 22) is now on view at the Ontario Science Centre. The display, which features a selection of research projects at the University, will be at the Centre from Sept. 6 to Nov. 25. Other locations will be arranged for the winter months.



Help keep
Toronto clean

President objects to Metro straightjacket

Metro Council's restrictive downtown development plan puts a "straightjacket" on the University, President Evans told the Ontario Municipal Board at its Aug. 22 meeting. The present plan gives council too much control over decisions affecting the future of this institution, the President said.

The plan, which has been before the board for eight months, was passed by council in January, 1976. It stipulates that projects involving renovation or construction of buildings which add over 10,000 square feet of teaching and research space must be individually approved by council under a special rezoning bylaw. Since nearly all its projects except on converted residential dwellings would involve changes over this limit, the University would need a special ruling on virtually every project. Rezoning bylaws would be required to redevelop the whole south-west campus.

Evans presented a six-point proposal aimed at granting the University some autonomy for redevelopment within the existing campus. He requested a University area designation and special provisions for the area as follows:

- all University uses be permitted ex-

cept that until December 31, 1985, any Huron-Sussex area buildings not now used by the University not be used for any institutional purpose other than residences

- the University area be divided into blocks, each of which is defined as including all University-owned land within an area bounded on all sides by city or metropolitan roads

- the University be permitted to develop its land to a density of two, except for the Willcocks, Spadina, Russell, Huron block, which may be developed to a density of 2.5

- the University explore the feasibility of locating buildings within the aforementioned block so that it could be developed to a greater density

- the University be required to investigate the feasibility of assimilating historical buildings into new building projects

- specific recreation and open space areas on campus be identified and remain open

The University is optimistic that its request for changes in the city plan will be considered.

Help is on the way

for jaundiced babies
thanks to Pharmacology's spin assay



Premature, jaundiced babies may soon have more of a fighting chance thanks to the efforts of Professor Carleton Hsia of the Department of Pharmacology. Hsia and his colleagues have developed a test — a spin assay — to help doctors pinpoint the safest time to administer nutrients, drugs and blood transfusions, making these infants' first few days of life less critical.

The yellow pigment responsible for jaundice — bilirubin — occurs naturally in the bloodstream when red cells break down at the end of their cycle. Normally, bilirubin is detoxified when it binds itself to a protein called serum albumin; however, in jaundice, bilirubin may reach such toxic levels that it exceeds the binding capacity of the protein. When this occurs, it may affect the brain of the newborn infant, causing retardation, and even death.

Hsia's spin assay is designed to discover what binding capacity remains in the serum albumin of jaundiced infants. Only a drop of blood is needed for the test — a distinct advantage for the infant

Professor Carleton Hsia and colleagues are helping to treat premature jaundiced babies

who may weigh as little as one or two pounds. Says Hsia's collaborator, Dr. Graham Chance, associate head of the Division of Perinatology at the Hospital for Sick Children, "While the new method is going to be important for jaundiced prematures, it may well serve as a prototype for measuring serum albumin's capacity for binding other materials to it."

The test is also inexpensive, uses little manpower and could be readily adapted in other Canadian and U.S. hospitals after successful clinical trials here. It may well reduce the number of hospital days for the premature — the cost of which lies between \$300 and \$350 per infant, and more importantly, lessen the incidence of retardation due to jaundice.

Hungry for theatre?

get your fill with all 48 episodes of the York Cycle



A biblical "time trip" from Creation to Doomsday will be offered to staff, students and campus visitors Oct. 1 — 2 as the Poculi Ludique Societas — the University's medieval drama group — prepares to mount the 48-episode York Cycle of Mystery Plays.

Last seen in its entirety in 1569, the York Cycle was performed in the middle ages by the craft guilds of England's City of York, to celebrate the spring festival of Corpus Christi. It was banned from the city's streets by religious authorities during the Reformation in an attempt to stamp out this survival of medieval Catholicism.

"The Guild of Mercers, responsible for the Last Judgement in a 1433 production, employed no less than twenty angels, a Hell-mouth, feathers and fireworks," says Professor Alexandra Johnston, co-ordinator of the York Cycle project and editor-in-chief of the Records of Early English Drama project.

U of T's version of the cycle will be no less grand, as more than 600 actors and actresses will take part in the production, portraying, as tradition dictates, the entire biblical panorama from atop pageant wagons.

But pageant wagons are hard to come by. No matter — a burst of ingenuity from David and Caroline Parry, theatrical administrators at PLS, resulted in an advertisement being placed in the *Woodbridge Advertiser* for farm wagons. They duly materialized, and carpenter and wainwright Reed Needles was given the task of their transformation — a labour which lasted six months. Now, adorned with carved unicorns, flowers and sailing ships, all painted in bright primary colours, these humble vehicles are ready for what may be their finest hour — transporting God, Noah, Adam and Eve, and the Devil around King's College Circle.

Under the guidance of the Parrys, months of preparation are coming to a close. Tasks ranged from refurbishing and designing costumes to holding meetings for carpenters, seamstresses and props people to keeping in touch with out-of-town groups such as the Tottenham Players, rehearsing in the countryside north of Toronto.

Caroline has been occupied co-ordinating the dramatic work of such diverse groups as the Varsity Review staff, the University Alumnae Dramatic Club, the Victoria College Drama Club and a troupe of medieval players from Syracuse University. David, for his part, has had his hands full directing four of the cycle's plays, using students in the Drama

Centre's master's program as actors and actresses. Now these tasks are almost completed, and with a little luck, God will ascend into his heaven, attended by glittering angels, without a hitch.

Early in September, the Roberts Library will do its part to publicize the cycle by mounting two displays. One, to be housed on the first floor, will consist of photographs, information about the City of York, PLS and REED, and material concerning the dramatic debate surrounding the production of the York Cycle. A display on the second floor will feature one of the decorated pageant wagons.

"There is great scholarly interest in how these complicated performances were enacted, and what kind of dramatic impact they have on an audience," says Professor Johnston. "The text — often considered feeble when produced in more conventional ways — comes alive when produced in the old way."

As an added touch of authenticity, a medieval fair has been planned. In the centre of the circle of pageant wagons playgoers will be able to stroll through a medieval carnival, complete with jesters, jugglers, tumblers, minstrels and artisans.

An awesomely large undertaking, mounting of the York Cycle will involve the Drama Centre, the Centre for Medieval Studies, the graduate and undergraduate Departments of English, the REED project, University drama groups, five Ontario and three American universities, and local church and amateur theatrical groups. However, if thoroughness of preparation is any indication of success, the first weekend of October should prove to be one of the more unusual and memorable highlights of Sesquicentennial year.

Academic Affairs

ponders second language requirements

At the first Academic Affairs Committee meeting of the 1977-78 year, on Thursday, Sept. 8, Chairman Michael Bliss welcomed members, remarking that the formidable sheaf of papers in front of each was an indication of what lay ahead in the months to come.

The Report of the Task Force on Canadian Studies, tabled at the meeting, provoked brief preliminary discussion.

Chief among the reports many recommendations are that Grade XIII French be made an entrance requirement for this University's Arts and Science programs, and that the provincial education authorities be warned of the danger of "overkill" in high school Canadian Studies programs.

Members of the task force emphasized "We have been deeply impressed by both the quality and quantity of teaching, research and public service related to Canada done at this University. That we believe there is much room for improvement is clear in the number of specific recommendations we have made."

Discussion of the report will begin at the committee's Sept. 29 meeting.

Another item on the agenda concerned French language requirements.

At its Jan. 6, 1977 meeting, the committee had asked the School of Graduate Studies to consider whether a working knowledge of French should be required of all Ph.D. candidates. In June, Dean Ham responded that language requirements beyond English are set by the departments concerned on the basis of their students' needs for competence in another language. Reactions received from a number of departments, he said, made it clear that French was not a universal requirement.

Was the real issue, Dean Ham inquired, an academic or a political one?

Identifying himself as "one of the people who made a fuss over this issue and one who would like to press it again," History Professor Michael Marcus reopened the question. "I am unhappy," he said, "and would like to try to persuade other members accordingly."

"North American academics are seriously handicapped if they can operate in only one language."

Other members retorted that whereas

glaring inconsistencies did exist among departments — some requiring a second language, others requiring none — French was perhaps not the appropriate language for all departments.

"I can see that a knowledge of German and Russian — not French — would be desirable for chemistry Ph.D. 's," remarked Chemistry Professor Maurice Lister. "A Ph.D. in chemistry is, after all, not a degree in social adaptability."

As one member pointed out, it is perhaps too late for students to be expected to master another language at the Ph.D. level. If the concern is really political, then let French be made an entrance requirement for all undergraduate students; if the concern is academic, then the departments concerned should be consulted as to whether they would be amenable or equipped to conduct remedial courses in whatever foreign language is most appropriate.

After much discussion, the School of Graduate Studies was directed to review second language requirements for Ph.D. students, with a view to the possibility of removing inconsistencies among departments and introducing more stringent requirements.

The question of remedial English also came up.

Vice-Provost Milton Israel reminded

members that interest in the subject arose last spring with Scarborough's proposed test for English facility. This focused attention on the University's remedial English programs, he explained. Currently, the University is spending considerable sums of money on the teaching of writing, but has made no attempt to coordinate the efforts of groups which perform this function.

"We don't seem to be doing the job as effectively as other institutions," Israel remarked, "nor are we getting the results we should." The issue is under study.

In the next few meetings, committee members can be expected to turn their attention to a number of new policy recommendations stemming from the *Memorandum of Agreement* — specifically, those concerning promotions, the terms and conditions of employment of professional librarians, and contractually limited term appointments.

As well, they will deal with such other issues as plagiarism, and admissions policies and fees for visa students.

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THE CHANCELLORS



Sir Peregrine Maitland
1827-28

When the University of Toronto was established by Royal Charter as King's College in March, 1827, Sir Peregrine Maitland, the Governor of Upper Canada, was appointed its first Chancellor.

Born in England in 1777, Maitland entered the British army at the age of 15 as an ensign and rose rapidly through the ranks. He soon became a division commander and fought at the Battle of Waterloo.

With the peace following the fall of Napoleon, many military men, including Maitland, entered colonel Lieutenant-Governor of Upper Canada — a post which he held until 1828. Austere in appearance and outlook, he embraced the ideas of his day, and his regime was marked by persecutions of Robert Gourlay, William Lyon Mackenzie and other reformers. Following his term in Canada he served in other colonial posts and finally returned to England where he died in 1854.

Much of the credit for reviving Lord Simcoe's idea of establishing a college of higher learning must go to Maitland; however, his 17 month tenure as Chancellor gave him little time to influence the direction of the infant University.

Alan Bakes
Art Department
Faculty of Medicine

The rush is on

for Paul Copeland and his colleagues in the Textbook Store



"It's wall-to-wall people in here during the rush. I can't even make a phone call, so I usually take my phone off the hook," says Paul Copeland. One of 11 buyers for the Textbook Store, Copeland is responsible for all political science, commerce and economics books.

His job begins when he receives required text lists along with estimates of class sizes from the professors. Before ordering the books from the publishers he revises the estimates according to his own common sense and his knowledge of each course. "If there's only one required text, I stick close to the professor's estimate," he says, "but if there are a number of them I assume every student won't buy every book." His aim is to avoid over-stocking the book without running short.

When the books arrive he unpacks them, shelves them, and finally waits on his customers. He also does his own invoicing, typing and filing.

Copeland says most of the staff at the Textbook Store enjoy the rush — as the first two weeks of classes are called. Last year he did 10 percent of his total annual sales during the first two days of the rush. During September the social sciences section sold \$307,000 worth of books as compared to \$16,000 in July and only \$5,000 in August.

Imagine a large bookstore with no

Paul Copeland, weighted down by psychology tomes, copes with the September rush at the Textbook Store

stockroom and you'll have some idea what the buyers are up against during the rush. "I'd like to see us move into a much bigger building," says Copeland from amidst a neatly stacked sea of cartons. He indicates a small area of wall space underneath a window. "Fifty more cartons will be squeezed in there next week."

Apart from the perennial space problem, the only complaint Copeland has is professors who wait until August to send in their book lists and then object when their texts aren't on the shelves in time for the start of classes. "The cavalier attitude some professors have towards ordering books is really annoying," he says. As a rule delivery time is over a week from city publishers, five or six weeks from the United States, and at least three months from Europe. If the book is out of stock, time taken to receive it will be even longer.

With the reorganization of the store's staff several years ago has come a dramatic drop in turnover, and an increase in efficiency. Copeland, as other buyers, now has virtual autonomy over his subject area, and frankly enjoys the freedom and variety of tasks his job offers. "It's almost like running my own bookstore," he says.

The future of Confederation

symposium on "Options" at U of T

A major national conference on the future of the Canadian federation, called "Options", will be hosted by the University on October 14 and 15. Over 250 delegates from across Canada will hear the opinions of academic, business and political leaders on a variety of important issues. The public is invited to attend the six plenary sessions, to be held in Convocation Hall.

"The speakers and delegates will analyze in depth the problems facing the entire country, and particularly those affecting the relationship between Quebec and the rest of Canada," said President John Evans. The speakers, who were invited to prepare major papers several months ago, will represent a broad spectrum of viewpoints and will be coming from all major regions of the country.

The delegates, chosen from the leadership ranks of their provinces, are experts in areas such as business, labour, public service and education. Topics for discussion will include: "Communities and Identity", "Nationalism and Ideology", "The Customs Union Issue" and "Functional Federalism".

Among the speakers will be Professor Northrop Frye; Claude Castonguay, Quebec City; Anthony Scott of UBC; Denis Stairs of Dalhousie University; Yves Martin of Sherbrooke; Michael Belanger, president, Banque Provinciale du Canada; and Paul Paré, president, Imasco Ltd., Montreal.

The conference has been in the planning stage since last December when a number of individuals met to discuss common concerns. A steering committee at the University, including President Evans; Professor Harry Eastman, Vice-president, Research and Planning; Provost George Ignatieff, Trinity College; Professor Lorna Marsden, Department of Sociology; and Assistant Dean George Leonidas, Faculty of Management Studies has worked on the project since that time.

The co-ordinator of the conference is Professor William Saywell, Principal of Innis College, who has been assisted by

Prof. Leonidas and Doug Todgham, director of the University's Media Centre.

A symposium of Canadian university students, called "Alternatives Canada" will take place on campus concurrently with the "Options" conference. The symposium, organized by graduate political science students at U of T, provides a forum for exploring student perspectives on the problems facing Confederation.

"Options" and the student symposium will hold a joint session on Friday, Oct. 14 at 8.00 p.m. when a panel of cabinet members from several provincial governments present "Regional Perspectives of the Canadian Federation".

This panel is one of the six open sessions to be held in Convocation Hall. Members of the public are encouraged to attend these events.

New UTFA staffer

Mrs. Terry Krompass, formerly administrative assistant for the Council of Ontario Universities, has been appointed executive assistant of the University of Toronto Faculty Association. In addition, Irene Mitchelson, who joined the UTFA office staff last November, has been promoted to office manager.

AIB gives the nod

The University has received approval from the Anti-Inflation Board for all non-union employee groups' salary increases for 1977-78, the office of Internal Affairs has announced.

6 free public sessions at the University of Toronto

during OPTIONS, a national conference on the future of the Canadian federation, and ALTERNATIVES CANADA, a Canadian university students' symposium

October 14 and 15 at Convocation Hall

- 1 COMMUNITIES AND IDENTITY IN CANADA
 - Marcel Rioux, Sociologist, University of Montreal
 - John Meisel, Political Scientist, Queen's University
 - Peter Ernerk, Member of the Legislative Assembly, N.W.T.
 - Les Harris, Vice President, Memorial University of Newfoundland
 - Keith Spicer, former Commissioner of Official Languages
 - Manon Vennat, directeur general, Centre de Linguistique de l'Entreprise
- 2 NATIONALISM AND IDEOLOGY
 - Ramsay Cook, Historian, York University
 - Yves Martin, recteur, Université de Sherbrooke
 - Denis Stairs, Political Scientist, Dalhousie University
- 3 REGIONAL PERSPECTIVES OF THE CANADIAN FEDERATION
 - A panel of Cabinet ministers from some provinces
- 4 THE CUSTOMS UNION ISSUE
 - Clarence Barber, Economist, University of Manitoba
 - Roma Dauphin, vice doyen, Université de Sherbrooke
 - Richard Lipsey, Economist, Queen's University
- 5 ALTERNATIVES CANADA: CANADIAN UNIVERSITY STUDENTS' SYMPOSIUM
 - Claude Ryan, Editor, Le Devoir
- 6 FUNCTIONAL FEDERALISM: REPORTS FROM WORKSHOPS
 - Michel Bélanger, President, Banque provinciale du Canada
 - Thomas Courchene, Economist, University of Western Ontario

- Donald Fowke, Chairman, Hickling-Johnston; Harry Meredith, National Partner, P.S. Ross and Partners
- Robert Lacroix, Economist, University of Montreal
- Michael Oliver, President, Carleton University
- Paul Paré, President, Imasco Limited
- Stanley Roberts, President, Canada West Foundation

Ticket Order Form

Name: _____

Address: _____

Please send me _____ tickets for the following sessions:
 Friday, October 14, 1977
☐ Communities and Identity in Canada, 9 a.m.-12 noon
☐ Nationalism and Ideology, 1:45 p.m.-3:45 p.m.
☐ Regional Perspectives of the Canadian Federation, 8 p.m.-10 p.m.

Saturday, October 15, 1977
☐ The Customs Union Issue and Functional Federalism, 8:45 a.m.-12:30 p.m.
☐ Alternatives Canada: Canadian University Students' Symposium, 1:45 p.m.-3:45 p.m.
☐ Reports from the Functional Federalism Workshops, 4:15 p.m.-6 p.m.

☐ All six sessions

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Orosz' enjoy Erindale campus

Five mornings a week, Pat and Bill Orosz lock up their Waterdown home and drive 20 miles to their work on the Erindale campus. They're both in their 20's and have been married almost two years. Pat is an academic secretary in the Department of Psychology and Bill is a horticulturist, adding to the greening of Erindale in the new greenhouse on top of the South Building.

"One of the nicest things about working on the campus is having an extra hour to talk as we commute to and from work," says Pat. Tall, slim, blue-eyed, and red-haired, she enjoys the "young" atmosphere at Erindale, preferring it to the hectic pace she knew in her previous position in the newsroom of a Hamilton newspaper. She works for seven psychologists and finds it easy to become involved in the content of a paper she is typing.

Bill graduated from Niagara College in 1972. He has the build, beard, and bearing of a sailor, and the touch of an artist as he fingers the leaf of a plant. For four years now, he has watched the seasons change at Erindale. Before the greenhouse was completed last November, he looked after the plants in a basement

growth room, to the consternation of his neighbours who found that the small fauna that coexist with plants tended to migrate beyond their own quarters.

In the greenhouse he grows a variety of plants, ranging from Arctic grasses to wheat. The greenhouse is also nursery and intensive care unit for the garden-variety of plants, the geranium and the coleus, which "go out to biology classes and return stripped down to a stem," he says, laughing, "but they recover and go out again."

He's a down-to-earth gardener who doesn't hold with talking to plants as a stimulus to growth, nor does he care for hydroponics. On half an acre of a friend's farm, he raises vegetables for the Orosz larder.

The Oroszes like the open spaces of the Erindale campus and being able to walk through a wood and come out by the Credit River. "If you had time, you could even go fishing," says Pat. Sometimes they have lunch under the trees, and sometimes in winter they eat their lunch in the greenhouse, surrounded by the flora of summer and spring.

A way of life for the Lynches

If there is an ideal marriage, with each partner the other's best friend, equal, with neither standing in the other's shadow, then you'd say the Lynches have it. Abbyann, a professor of philosophy at St. Michael's College, and her husband Lawrence, principal of the college, have been married 24 years. They met when she was a student in one of his classes. They have six children.

They laugh as they contemplate the improbability of defining the factors that make a marriage work. But they do say a

Christian foundation, adaptability, a sense of humour, and team work have all contributed to their family life, their careers, and their marriage. Abbyann, small, controlled, and of quick enunciation says, "Marriage is the greatest cure on earth for selfishness."

She has juggled the dual roles of parent and professor for 15 years, making the act seem as natural as blinking; has written several books and numerous articles on ethics and health care; and often is called to help develop a new perspective on

A way of life for the Lynches

Continued

abortion, euthanasia, and genetics for the health professions. The gentle professor with the tough logic also teaches medical students and residents in obstetrics and gynecology about ethics, artificial insemination, fetal experimentation, and more.

For both of the Lynches, teaching is a way of life. In the three decades Larry has been on the college faculty, he has scarcely missed a day of undergraduate teaching. In fact, for more than half of his life, he has been on one side or the other of a desk on the college grounds. As a boy he attended St. Michael's College School, then he did both undergraduate and post graduate studies at the college. He is well prepared for his current role: building bridges between U of T and the college, between the students and the faculty, and

between the students and himself. Entertaining the students in their home has become a family tradition.

The shelves in the principal's office carry copies of the books he has written on St. Augustine, St. Thomas Aquinas, and Jacques Maritain. The Lynches' living-room coffee table bears a salmagundi of reading, from histories, mysteries, and theology to current literature on whatever issues they are concerned with.

The lives of the Lynches are intertwined around the cycles of the family, of academia, of the calendar of the church. Every autumn is a "new year". Refreshed from their holiday spent each summer in North Carolina, they look forward to the arrival of the new students and to the return of all the others.

Hallets share the same lab

A table, a sheaf of computer cables, and a rack of test tubes separate the working lives of Helena and Peter Hallet in the Medical Sciences Building, where both study vision. Actually, there's another invisible, but vital, component: a respect for each other's boundaries that takes the danger out of closeness.

As they recall for a visitor how they met in Oxford, at the Infirmary where she was a nurse and he a medical student, they sometimes scan each other's faces, like seasoned sailors reading the weather, and share the shaping of an answer. They have been married 17 years.

Theirs is not a soap opera dalliance where the handsome doctor bears away the love-stricken nurse to a split-level lab, with tenure and grants assured, but a day-to-day working alliance. It began four years ago when the youngest of their three children was in school and Helena came to the lab "just to help out". Gradually she mastered the techniques of neurohistology and has since developed new ones of her own.

She is petite, contained. Has masses of dark hair. A white lab coat covers her jeans. The tips of two fingers are dark blue from the dye she uses to stain the cells of mice eyes. "Mouse vision is genetically manipulable and therefore useful for

understanding human sight," she says.

Peter, slim, with rimless glasses, a sandy-coloured beard, and a receding hair-line, would look like a professor even when he was walking through a pinball arcade.

His research is on night and peripheral (as opposed to central) vision. He points out that U of T is well known for research on night vision, but that fewer studies have been done on peripheral sight, though: "The part of our vision used for reading is small compared to that which we use peripherally."

Helena's hobbies take her into the world of copper enamel, batik, and appliqué. Peter, who does much of his research in a dark room, has an ever-increasing awareness of light and colour. At the family weekend retreat in Flesher-ton, he collects bees and syrphids. "People often mistake syrphids for wasps," he says, "but they don't sting and under the microscope their wings glow like jewels. Bees are almost as colourful when you look at the pollen on their legs."

And how do the Hallets manage to live and work together? "We keep our domestic differences outside of the lab and leave work behind us when we go home," says Helena.



The Sirek research team works



The health sciences are well populated with couples working together or in related research.

Take Drs. Anna and Otto Sirek, who have worked together on the campus for 27 of the 31 years they have been married. Their research, in neighbouring offices in the Medical Sciences Building, seeks answers to the nature and causes of diabetes, and they have reaped many honours for it.

Otto, tall, tanned, and with a ready smile explains that in their research they don't compete. "Whoever has a new idea first becomes the principal author of the resulting paper."

To avoid duplicating their efforts, the Sireks belong to different research societies and read different journals. They also share a sympathetic concern for the animals in their care and have been known to pay a late night call to the laboratory in evening clothes or after church on Sunday. Weekdays, at noon, they can often be seen strolling with Marcus, their brindled boxer, who sometimes spends the day on campus.

Anna, who is small and seems to have more energy than anyone would need, recalls how she and "Siro" (pronounced *sheer-o*, it's the nickname she gave Otto when they first met in high school) began their careers. They were married the year they graduated from medical school, the same year they shared the University of Bratislava's highest hon-

our: a gift of gold, and a year of post-graduate studies abroad (they went to Stockholm). In 1950 at the invitation of Dr. Charles H. Best, they came to U of T, where they have worked continuously except for the four years when Anna was a research fellow at the Hospital for Sick Children.

Work and co-operation are closely intertwined on the trellis of their lives. They have shared the tasks of the home ever since Anna returned to work — six months after the first of their four children, was born. "It has worked," says Anna, "because of a Scottish nanny and Siro."

Her husband has no confusion about his role in a two-career marriage. "When the children were small, we didn't go out in the evening until they were asleep. Since we both worked all day, we wanted to spend time with each child — not reading them bedtime stories, which they can do for themselves, but talking about the day's events."

The Sireks, in spite of busy days, find time and energy for a life-after-the-laboratory: Anna to cook and read Canadian literature, especially the fiction of Margaret Laurence; Otto to accompany their daughter Terese on the piano.

With an exchange of glances, the Sireks concur that they couldn't imagine living anywhere else in the world — or with anyone else.

building you haven't visited for years," she explains.

"In some environments, people learn to retrace their steps but are still unable to conceptualize the spatial relations among different locations in more abstract terms," she says. "Scarborough College is a case in point and actually stimulated my interest in the problem."

Patrick Foley graduated from the University of Glasgow and did further studies at U of T and the University of Michigan. In many of his projects, he tries to improve the ways machines serve people,

Foleys balance academic careers

Continued

to see whether machines can be adapted to meet the needs of handicapped children and the elderly, for example.

"We try to make instruments to measure the force a particular group could apply to a machine they use in everyday life. In one study, we found that government specifications for the brakes in a certain model of car made it impossible for 50 percent of women drivers to bring the car to a halt."

With his graduate students, Patrick spends a lot of time trying to bring the electronic "thinking" of computers into line with human patterns and needs. In one study he set up a computer-based system for doctors in general practice. "The schema was created on the basis of how the physician actually deals with his

practice and on the information gathered on the patient, rather than on what an engineer suspected such a program should be like."

For the Foleys, life off the campus includes sports — tennis, swimming, sailing — often shared with their four children. Joan also finds time for gardening, playing the piano, and occasional oil painting. During conversation Patrick hums between sentences, giving a clue to his favourite avocation: music. He sings, plays the guitar, and the recorder.

The Foleys have been married 13 years and, like many other academics, manage to combine science, humanities, art, music, and other interests until the result could be considered a new art form — in marriage.

U of T where Nippaks first met

You might not know about the University's import-export system, unless you happen to have met Tom Nippak, who supervises customs and traffic in the Purchasing Department.

"The items don't actually pass through our hands," explains 37-year-old Estonian-born Tom, "but we arrange for everything coming in: monkeys and fish from South America, mice from France, books, scientific equipment, lab supplies, and all kinds of biological products."

The University also exports an equally varied lot of goods, ranging from serums

and teaching aids to articles being returned to the manufacturer for repair. It's all processed through the seventh floor at 215 Huron Street. That's where Tom met his wife Mary, just before she transferred to the position at the Computer Centre that she now holds.

Do they intend to continue to be a two-income-family? In these days of inflation, the Nippaks consider that they need two salaries "to live decently". And they enjoy working at U of T. "It's been good to us," they say.

Mars prefer a University setting

Arpi and Ron Mar met and married when they were both working in Information Systems. Ron is still there, managing systems and programming. Arpi has become business manager at the Media Centre.

The Mars have been married almost four years and between them they have worked at U of T for a total of 17 years. Previously, they both toiled in the business world. Now each day as they commute between the St. George campus and their Brampton home, they have time to muse on their reasons for preferring life at U of T.

They both appreciate the benefits the University offers, as well as "the opportunities for advancement and further education."

Arpi, who came from Istanbul at the age of seven, and who can speak Armenian and can "manage in Turkish", is proud to be part of the Media Centre because, she says, "learning centres

throughout North America acknowledge the excellent productions coming out of it."

Ron is in his element working with the computers that control staff systems, payroll, and benefits for some 12,000 academic and administrative staff members. His department also looks after pledge cards for the United Way, the University's Update campaign, and produces facts for Statistics Canada.

Although Ron majored in mathematics and physics at the University of Victoria and in electrical engineering at Ryerson Institute, it was not until he became fascinated with U of T's computers that he became really excited about his profession.

Marriage is not the only kinship that Arpi and Ron enjoy on the campus: Arpi's mother, Mrs. Vera Altberk, works in the physical plant stores. For the Mars, life at U of T is a family affair.



Foleys balance academic careers

Joan and Patrick Foley first met when they were working in the Defence Research Medical Laboratories in Toronto.

Joan is the principal of Scarborough College, the first woman to hold the position in a constituent college. Patrick is a human factors engineer in the Department of Industrial Engineering on the St. George campus.

Joan gained her PhD in psychology at the University of Sydney. Her research is in learning, conditioning, and spatial memory — "how you remember your way back to a specific room in a complex

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How criminal law system works

"Law is a discretionary exercise," says Prof. Gordon Watson, director of the Centre of Criminology. But until now no one has ever examined how the various elements of the criminal justice system interrelate and how this affects the way each uses its discretionary powers.

In an attempt to fill this gap Prof. Gordon is co-ordinating a longitudinal study on the cumulative effects of discretionary decisions within the criminal justice process. About three-quarters of the researchers at the centre are involved in the study.

Following 100 criminal cases from their occurrence on the street right through the courts, Prof. Watson hopes to document how each element in the system works on its own and in relation to all the others. The project includes an examination of the roles of the police, the crown prosecution, the defence, the various court procedures and the judge, as well as the victim and the accused. The



cases were taken from the Regional Municipality of Peel.

Prof. Watson hopes that one result of the study will be to give the public a better idea of how the criminal justice system operates. Knowing this, perhaps they will have more patience and sympathy with it, he hopes. He also wants to determine the differences between how the law works at street level and how the law-makers intended it to work.

Times change

Continued from Page 1



tables were gathered from all corners of the campus. "We wanted a well-used look," Smith adds.

"The pub is a fantastically busy place," he says. "People originally dropped by for lunch, but now we find that we're doing a good business from five to seven as well. The pub is open until 10.30, and we've noticed that the number of users is steadily growing. He is quick to add that no one would be averse to seeing new members join the ranks of the bibulous downstairs regulars — an event which will occur once the pub's beer garden adjunct, which sprouted during the summer and is now flourishing behind a rustic wooden fence on the building's west side, is officially opened in mid-September.

The pub is only one example of the club's attempts to change its image. "Ours is a commuting campus," Smith says, "and we had to devise a variety of attractions which would persuade members to come to the club of an evening or on weekends. We've had wine tasting evenings, special cuisine buffets, bridge nights, Scottish country dancing, illus-

Professorial pubgoers Brenda Segall (right foreground) and Wendy Rolph of Hispanic Studies are served by barperson Muriel Prendiville at the Faculty Club's basement pub.

trated travel talks, a Mother's Day luncheon, a gourmet dinner and an oyster party.

"Most large Canadian universities that I know of have faculty clubs," he says, "and they serve important purposes. They are a place for people to come and meet their colleagues in an informal setting to discuss research or university politics and they're ideal for entertaining.

"But all faculty clubs are facing the same problems now — members and money. Faculty are no longer a captive audience at most universities and clubs simply have to try harder to attract and keep members. I think we're moving in the right direction."

In Memoriam

The Psychology Department and the University community mourn the sudden death on August 20, 1977, of Gerald B. Thornton, associate professor of psychology.

Born in 1926, Dr. Thornton came to psychology by way of engineering. His advanced degrees included an M.Sc. in aerodynamics as well as a Ph.D. in psychology.

In 1956, after several years at the Defence Research Medical Laboratories doing research on perceptual-motor skills, Dr. Thornton joined the staff of the Psychology Department.

In 1964-65, he served as a technical adviser for the Office of External Aid and was instrumental in establishing a psy-

chology department at the University of the Punjab, Lahore, Pakistan. Since 1975, he served as departmental undergraduate secretary and director of undergraduate studies.

Gentle, patient, and soft-spoken, Dr. Thornton was a dedicated scientist, a gifted teacher, and a humane administrator.

Task force opts for earth sciences complex

Continued from page 1

varying degrees, poor, overcrowded, and dispersed. Each recommended that its units be relocated in more spacious and more suitable surroundings, and in close proximity to each other in order to facilitate co-operation both in research and in teaching programs.

"Both of these projects would be major undertakings, with the earth sciences development being at least twice as large and complex," the draft report of the task force states.

"To a significant extent this is a consequence of the large laboratory component inherent in the teaching and research activities of the earth sciences group."

Both projects could not be implemented in the space available, the report concludes, and the earth sciences proposal provides a better opportunity to redevelop the site with greatest all-round benefit, particularly when second order effects, such as usefulness of vacated space, are considered.

With reference to the entire south-west

campus site, the report states that development of a cluster of inter-connected smaller buildings, including some now in existence, would be preferable to construction of a single structure.

A users committee, made up of representatives of departments recommended for accommodation on the site, would be brought into being and would concern itself, in addition to its normal range of concerns, with "the impact of the redevelopment on the University's operating budget in the context of diminishing resources and escalating energy costs."

Copies of the complete report are available from Randy Grimes, Office of the Vice-President, Research and Planning, Room 226A, Simcoe Hall, and members of the University community are invited to submit written comments to Mr. Grimes no later than September 30. All such comments will be taken into consideration by the task force during October when it prepares the final draft of its report.

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More bran and vitamin C?

dietary changes could reduce cancer of the colon

Results from a unique and interesting study at the Ontario Cancer Institute support the growing evidence that diet and cancer are closely linked.

"Diet is now believed to be the most important of all the environmental factors, not only in cancer of the bowel, but of the ovary, breast, kidney, and uterus as well," says Dr. William Robert Bruce, as U of T professor of medical biophysics.

He points out that Canada leads the world in the incidence of cancer of the colon and rectum. In its consumption of meat, Canada is surpassed only by New Zealand where cancer of the bowel is also prevalent.

Dr. Bruce had suspected for some time that carcinogens might actually reside in the mucosa of the bowel. And in an assay on extracts of excrement from 34 normal people, he did, in fact, find the potentially carcinogenic compounds.

In the next phase of the research, Dr. Bruce showed that the level of carcinogens in the bowel dropped sharply when the subjects added one tablespoon

of bran fibre and two grams of vitamin C to their daily diets. The cancer-producing compounds dropped even more sharply when the subjects reduced their intake of fat and protein.

Further studies now are underway to determine whether the carcinogens occur more often in individuals who develop cancer, and whether, in the absence of the cancer-inducing agents, colon cancer decreases.

"If these questions can be satisfactorily answered, then dietary changes should reduce cancer of the colon," says Dr. Bruce. "But as yet, it would be premature to recommend major changes in diet."

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the Ph.D. oral office, telephone 978-5258.

Monday, September 12

Barry H. Schneider, Department of Educational Theory, "An Elaboration of the Relationship Between Parental Behaviour and Children's Moral Development." Thesis supervisor: Prof. V. Renner. Room 307, 63 St. George St., 2 p.m.

Thursday, September 15

Sunjoo Pang, Department of East Asian Studies, "A Study of Western Chou Chronology." Thesis supervisor: Prof. J. Brownlee. Room 309, 63 St. George St. 10 a.m.

Friday, September 16

Grace E. Wright (Eweka), Department of Educational Theory, "A Study of Selected Aspects of Communicative Competence in the Writing of 12-15 Year Old Students." Thesis supervisor: Prof. H. Stern. Round Room, Massey College, 2 p.m.

Monday, September 19

Christopher R.M. Wilson, Department of Educational Theory, "The Continuing Learning Activities of Managers in Industry." Thesis supervisor: Prof. D.H. Brundage. Round Room, Massey College, 2 p.m.

Zofia J.A. Radziuk, Department of Educational Theory, "The Effect of Positive Expectancy Set Implemented by Instructions at Onset of Therapy and by Feedback During Therapy, on Therapeutic Improvement." Thesis supervisor: Prof. J. Weiser. Room 111, 63 St. George St., 2 p.m.

Wednesday, September 21

Maurice Russell Brown, Department of Electrical Engineering, "Temporal Modulation Transfer Function of Human Vision." Thesis supervisors: Profs. P.J. Foley and E. Lewellyn-Thomas. Room 309, 63 St. George St., 2 p.m.

Thursday, September 22

Naeema Degani, Department of Pharmacology, "Effect of Ethanol on the Sympathetic Nervous System." Thesis supervisor: Prof. E.M. Sellers. Room 309, 63 St. George St., 10 a.m.

Friday, September 23

Geoffrey S. Peruniak, Department of Educational Theory, "Effects of Complex Teaching Strategies on Teacher and Student Behaviour." Thesis supervisor: Prof. M.E. Orme. Round Room, Massey College, 2 p.m.

Reen-Shyong Jeng, Department of Botany, "A Study of Coprophilous Ascomycetes of Argentina and Venezuela." Thesis supervisor: Prof. D.W. Malloch. Room 309, 63 St. George St., 2 p.m.

Marjorie Woods, Department of Medieval Studies, "The *In Principio Huius Libri* Type a Commentary on Geoffrey of Vinsauf's *Poetria Nova*: Text and Analysis." Thesis supervisor: Prof. F. Nims. Room 111, 63 St. George St., 2 p.m.

Monday, September 26

David Owen Evans, Department of Zoology, "Seasonal Changes in Standard Metabolism, Upper and Lower Thermal Tolerance and Thermoregulatory Behaviour of the Pumpkinseed, *Lepomis Gibbosus* (Linnaeus)." Thesis supervisor: Prof. F.E.J. Fry. Room 309, 63 St. George St., 10 a.m.

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Credit where it's due

You say "... Norma Grindal ... discovered Dr. Cinader's paintings in laboratories while doing an inventory of the U of T art collection made possible through an honorarium from President John Evans and through assistance from the new warden of Hart House." (Native art show at Hart House", *Bulletin*, Aug. 19.)

It was not the new warden. It was Mr. Jean Lengellé the former warden, who because of his love for art and his vast knowledge of photography was able to

help Mrs. Grindal on the art inventory.

I am sure that if he had been here, Mr. Alway the new warden, would have been helpful too, but he was still outside the University at the time.

May I add that in addition to some money provided by the President, private donors have also contributed to the art inventory.

Charity L. Grant
Chairman, Hart House Art Committee

Beware of political movements

In view of the efforts made by both staff and students over the past year to influence the Business Affairs Committee of the Governing Council in the matter of the University's investments, I think that these remarks recently made by President Lyman of Stanford University are a timely warning on this university remaining "first, last and always" an educational and research institution and not as an institution acting as an agent of social reform:

It is very understandable that students wishing to do something to work and act against injustice in the world, and stirred particularly by the tragic facts of segregation, discrimination and oppression in South Africa, should see the university as their most accessible weapon with which to fight against such evils. It is also understandable that they should regard as relatively less urgent, indeed almost abstract,

the argument that the price of academic freedom for our universities is our refraining from involvement, as an institution, in political questions beyond those most directly related to our own functioning as a teaching and learning institution.

We could all ponder to advantage, however, just how long that freedom would survive in American higher education were our colleges and universities to assume a responsibility to act as institutional agents of social reform. The experience of countless other nations should stand as a warning to us: Our freedom depends, as it always has, upon our not becoming captives of any political movements, no matter how high-minded, and upon our being perceived by the public as educational and research institutions, first, last and always.

D.F. Mettrick,
Chairman, Department of Zoology.

A mulish Mayan expedition



Information garnered by archaeologists on field trips is not always restricted to the objects of their research as this account by David Pendergast, curator in the office of the chief archaeologist of the ROM, demonstrates. The description, taken from his report in the *Archaeological Newsletter* for January, is of a trip to an ancient Mayan site 16 miles into the bush.

Eventually we got our recalcitrant beast of burden and his less fiery companion loaded and began our journey northward, but even at this point we still had lessons to learn from our mulish friends. In case any of you plan to essay a similar trip, let me give you one cardinal rule: if, like me, you pack your food in a wooden box, and if the trail is a narrow and winding one, do not strap the box on the left side of the mule whose only good eye is on the right. My mule, unable to

see what was on his left, invariably got the food box hooked on each tree he passed, with the result that he was knocked round and sent crashing off the trail on the right side, usually hooking the box on another tree in the process. Mules do have a reverse gear, but engaging it when the animal is enmeshed in a tangle of vines and trees requires a range of gestures, actions, and curses which I did not then command. After a few experiences at being sent flying into the bush along with my wayward mule, I took up a position at the rear of the procession, content to leave the steering, dodging, and extrication work to those better suited to the task.

Bulletin news is good news, we hope

In many more ways than one, this issue of the *Bulletin* differs from its predecessors.

It used to be that the paper was published on Friday, delivered whenever, and read as much as a week later. This issue has been published on Monday and delivered on the same day to boxes and drop points on all three campuses and at the teaching hospitals — a procedure that makes the *Bulletin* available to all on-campus readers when it is still at least lukewarm off the presses.

Among the other changes that have been prompted by reader replies to a questionnaire published last spring is the decision to drop an irregular section called "Staff Notes" in favour of weekly new items that will go into some detail about specific research projects underway at the University.

As well, more attention will be

devoted than previously to the interests of administrative staff members, and a series of feature stories will take a look at a variety of non-academics and the kind of work they do.

The *Bulletin* will continue to carry paid display advertising; however, this should not be interpreted to mean that members of the University community must pay for the publication of announcements and other important material of wide interest.

Furthermore, this issue looks different.

And finally, with the help of "Newsweb Enterprises", our new printer, the cost of publishing the *Bulletin* during the current academic year will be lessened by several thousand dollars.

A change is almost as good as a rest.

The Editor

Almost without fear or favour

#1



Jean Smith, president of the Faculty Association

Sesqui Events

Monday September 12

Hart House Chorus, conducted by Prof. Denise Narcisse-Mair, auditions Map Room, Hart House. Auditions for new members Sept. 12, 13 and 15 for 7 to 9 p.m. in order of arrival. Returning members Sept. 13 at 8 p.m. Applications for assistant conductor may be made during auditions.

Sculptures by Michael Amar, exhibition. Erindale College Art Gallery to Sept. 28. Gallery hours: Monday — Friday, 9 a.m. — 9 p.m.; Saturday and Sundays, 2 — 5 p.m.

By the Beautiful Sea You and Me, exhibition. Historical and contemporary photographs by Jim Lehto of the English seaside with particular emphasis on Brighton Pier. Wilson Hall Cafeteria, New College to Oct. 4.

Selections from the Permanent Collection, exhibition. Hart House Gallery to Sept. 30. Gallery hours: Monday, 11 a.m. — 9 p.m.; Tuesday — Saturday, 11 a.m. — 5 p.m.; Sunday, 2 — 5 p.m.

Thursday 15

An Interface between Medicine and Politics: The Case of Narcotic Addiction, Addiction Research Foundation Sesquicentennial Lecture. Dr. Jerome H. Jaffe, Columbia University. Auditorium, Clarke Institute of Psychiatry. 8 p.m.

Arabic Classical Music Ensemble, concert. Debates Room, Hart House. 8 p.m. (Middle East & Islamic Studies)

Friday 16

Multiphoton Molecular Photo-fragmentation, colloquium. Prof. Joshua Jortner, Institute of Chemistry, Tel-Aviv University. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry & SGS)

Orientation program for new foreign students

Information on student services, academic system, issues affecting foreign students and adaptation to Canadian culture. All new foreign and interested Canadian students welcome. Information telephone 978-2564. International Student Centre, 33 St. George St. 10 a.m. — 3 p.m.

Welcome Dance, music by Highlife W'Afrika

Admission free, cash bar and snacks. International Student Centre. 9 p.m.

Saturday 17

Blues vs Wilfrid Laurier, football. Varsity Stadium. 2 p.m. Reserved tickets \$4, \$3.50 and \$3; student general admission \$1.50. Ticket information 978-4115.

Thursday 22

Government and the Arts, lecture. Ron Evans, Ontario Arts Council. Walter Hall, Edward Johnson Building. 2.10 p.m.

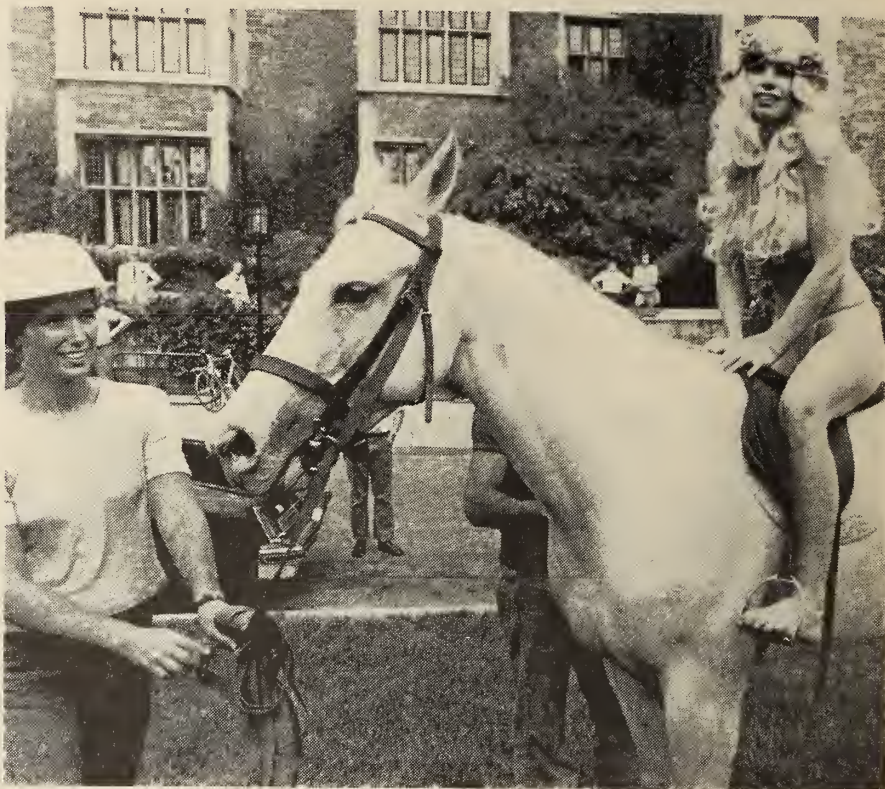
NMR Studies of the Preferred Structures of Some Oligopeptides, colloquium. Dr. Ian D. Rae, Monash University. 428 Lash Miller Chemical Laboratories. 4 p.m.

Friday 23

The Universal Lure of the City, first of nine lectures in Lunch & Learn Club Series I, *The Urban Revolution*. Prof. C. Tilly, University of Michigan. Innis College Town Hall. 12.15 p.m. Registration fee \$15 for four series of lectures; information telephone 978-2400.

An example of Enzyme Regulation: Aspartate Transcarbamylase, colloquium. Prof. William N. Lipscomb, Harvard University. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry and SGS)

Fleming renovation ready to go



Lady Godiva herself has endorsed Engineering's move into the old Metro Library

The University has wasted no time preparing specifications for rebuilding the Sandford Fleming building, gutted by fire last February.

According to Associate Dean of Engineering Robert Jervis, the historic building could be reopened in September 1979. Meanwhile, the old central library at College and St. George has been rented from Metro for \$152,000 per year and will accommodate half the tutorial and seminar rooms for engineers, the offices of engineering science, the Engineering Society and cafeteria, and the Transitional Year Program offices.

The engineers will take advantage of the reconstruction to improve on Sandford Fleming's facilities and space. The partial fourth floor, which existed before the fire, will be extended to cover the whole building. An additional two floors will be constructed in the old court. Facilities will also be built for the Department of Computer Science which until now has been in the physics complex.

The Engineering Library may be am-

algamated with the other science libraries on campus, says Jervis, but a decision on this will be made later this fall.

As well, a number of innovations will be introduced to facilitate more efficient use of teaching space for civil and electrical engineering. One such innovation is the combining of lecture and tutorial rooms.

The User's Committee, chaired by Dean Etkin, has already sent a detailed set of specifications to Page and Steele, the architectural firm that will redesign Sandford Fleming. Sometime this fall the architects will submit preliminary drawings to the University for review.

"Our expectation is that a large part of the existing facade, especially that portion facing onto King's College Circle, will remain," says Dean Jervis. The University does not want to interfere with the historical aspects of the old building, he added.

Tighter grant program en route

A new student grant program, featuring tighter controls but more generous support for needy students from low income families will be introduced in Ontario next year, the Honourable Harry Parrott, Minister of Colleges and Universities, announced recently.

One of the controls will be a limit on the number of years (yet to be determined) a student can receive grants. Other aspects of the program will be: grants related to family income; provincial access to certain students' and families' income tax records to verify financial information affecting applications; different and stricter criteria than the federal Canada Student Loans Program; availability of

grants for part-time students; and a new appeal process to evaluate requests by students for further assistance. As well, all students will be required to make a contribution towards their own educations.

In addition, the Ministry of Colleges and Universities is investigating the feasibility of a small program making interest bearing loans available to students.

Dr. Parrott says he will hold regional meetings this autumn to explain and discuss the new program.

At present about two of every five Ontario students receive some form of financial assistance.

Industrial relations funded

The Master of Industrial Relations course, the first such program in an English speaking university, has been completely funded through an Update grant from the Canadian Tire Corporation, Canadian Pacific, Lever Brothers, and the Molson Companies.

The program at the Centre for Industrial Relations provides specialized formal training in the labour field for government, management and union people.

Students are given a theoretical background and knowledge of current labour development.

One objective of the one or two year master's course is to bring together students from a variety of programs. The Update funds will make it possible to attract older students working in the field by enabling the centre to offer larger than usual scholarships.

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